

MH-5092

JC978 U.S. PRO
10/075330
02/14/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

H2

Inventor(s): Horng, et al.

Title: **Signal Circulation for Adaptive Signal Equalization
in Digital Communication Systems**

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
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Pursuant to 37 C.F.R. §1.56(a), Applicant hereby cites the
following documents (copies enclosed) listed on the attached copy
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This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 checked below:

X 1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits.

No fee or certification is required.

 1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

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1.97(e) as set out below; OR

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1.17(p).

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(2) Petition is hereby made under 37 CFR
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— each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Statement;

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— no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable enquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Statement.

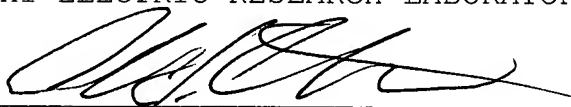
MH-5092
Authorization is hereby given to charge the indicated fee(s)
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Respectfully submitted,

MITSUBISHI ELECTRIC RESEARCH LABORATORIES

By:



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Enclosures

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Form PTO-1449
(modified 2/91)U.S. DEPT OF COMMERCE
Patent and Trademark OfficeAttorney Docket Number:
MH-5092

Serial Number:

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant:
Horng, et al.Filing date:
Herewith

Group art area:

10/075330
02/14/02

U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Subclass	Filing date if appropriate

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	S. Chern, J. Horng, and K.M. Wong, "The Performance of the Hybrid LMS Adaptive Algorithm," <i>Signal Processing</i> , Vol.44, No.1, pp. 67-88, June 1995.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP .609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	